

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5235194".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:56
L2	2	"5273933".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:56
L3	2	"5317167".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:56
L4	2	"5432808".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:57
L5	2	"5617438".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:57
L6	3	"5740192".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:58
L7	3	"5998810".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:58
L8	2	"6242764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:58

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L9	2	"5990495".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:59
L10	3	"5656832".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:59
L11	3	"5909040".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:59
L12	3	"5929466".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:00
L13	2	"5146465".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:01
L14	2	"6259122".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:01
L15	2	"5875052".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:02
L16	2	"6306672".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:03

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L17	2	"6046464".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:03
L18	2	"6440823".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:03
L19	2	"5929467".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:04
L20	2	"5923058".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:18
L21	1862	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:20
L22	318	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and thickness and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:21
L23	0	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and ((algan or (aluminum adj gallium adj nitride)) near carbon) and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:23
L24	20	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and ((algan or (aluminum adj gallium adj nitride)) with carbon) and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:35

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L25	39	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and ((algan or (aluminum adj gallium adj nitride)) same carbon) and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:40
L26	23	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and ((algan or (aluminum adj gallium adj nitride)) same carbon) and thickness and concentration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:41
L27	769	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (single adj crystal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:42
L28	15	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (mono adj crystal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:42
L29	237	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (monocrystal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:42
L30	162	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (single adj crystal\$4) and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:43
L31	9	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (mono adj crystal\$4) and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:43
L32	58	(sapphire adj substrate) and (aln or (aluminum adj nitride)) and (algan or (aluminum adj gallium adj nitride)) and (monocrystal\$4) and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 06:43

## EAST Search History

S1	2	"5228044".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 05:55
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